

Title (en)

APPARATUS AND METHOD FOR RECORDING AN INFORMATION ON A RECORDABLE OPTICAL RECORD CARRIER USING OVAL SPOT PROFILE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUFZEICHNEN EINER INFORMATION AUF EINEN AUFZEICHNUNGSFÄHIGEN OPTISCHEN DATENTRÄGER DURCH VERWENDUNG EINES OVALPUNKTPROFILS

Title (fr)

APPAREIL ET PROCEDE D'ENREGISTREMENT D'UNE INFORMATION SUR UN SUPPORT D'ENREGISTREMENT OPTIQUE ENREGISTRABLE AU MOYEN D'UN PROFIL DE POINT OVALE

Publication

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Application

EP 03812623 A 20031201

Priority

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Abstract (en)

[origin: WO2004053852A1] To obtain a higher recording density, and thus higher data capacity, it is proposed according to the present invention to reduce the numerical aperture of the optical means (3, 4) in the direction orthogonal to the information recording direction, which is the radial direction for an optical disc, during recording of information to obtain a light beam having a substantially oval spot profile having a shorter axis in the information recording direction, i.e. the tangential direction for an optical disc, compared to the direction orthogonal that to, i.e. the radial direction. Recording marks having a corresponding oval profile are achieved.

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